

Form PTO-1449

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Beachy, Philip A.Filing Date
October 13, 2000Group Art Unit
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
PL	AA	6,057,091	5/2/00	Beachy et al.		
PL	AB	3,673,175	6/27/72	Schramm et al.		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
							YES	NO
PL	AC	EP0375349	12/19/89	EP				
	AD	EP0020029	5/1/80	EP				
	AE	GB 1227728	4/7/71	GB				
	AF	JP 04230696	12/28/90	JP			Abstract	
	AG	WO 99/52534	10/21/99	PCT				
	AH	WO 98/58650	12/30/98	PCT				
PL	AI	WO 91/10743	7/25/91	PCT				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

PL	AJ	Atta-Ur-Rahman et al. Alkaloids from <i>Veratrum album</i> . <i>Phytochemistry</i> 30, 368-370 (1991).
	AK	Badria, F. A. et al. Time course and inhibition of stavarside K, veratramin and cervine-induced hemolysis by other pregnane glycosides and <i>Veratrum</i> alkaloids. <i>Pharmazie</i> 50, 421-423 (1995).
	AL	Baggiolini, E. et al. Photochemical Reactions: Photofragmentation of O-acetyl jervine. <i>Helvetica Chimica Acta</i> 54, 429-449 (1971) - ABSTRACT ONLY.
	AM	Bondarenko, N. V. et al. Chromatographic separation of jervine derivatives. <i>Tr. Vitebsk. Tekhol. Inst. Legk. Prom.</i> No. 1, 122-3 (1970) - ABSTRACT ONLY.
	AN	Brown, Dennis & Keeler, Richard. Structure-Activity Relation of Steroid Teratogens. <i>J. Agric. Food Chem.</i> 26, 564-566 (1978).
	AO	Campbell et al., "Inhibition of Limb Chondrogenesis by a <i>Veratrum</i> Alkaloid: Temporal Specificity in Vivo and in Vitro", <i>Dev. Biol.</i> 111: 464-470 (1985).
	AP	Chiang, Chin et al. Essential Role for Sonic hedgehog during Hair Follicle Morphogenesis. <i>Developmental Biology</i> 205, 1-9 (1999).
	AQ	Crawford, L. & Myhr, B. A Preliminary Assessment of the Toxic and Mutagenic Potential of Steroidal Alkaloids in Transgenic Mice. <i>Fd. Chem. Toxic.</i> 33, 191-194 (1995).
PL	AR	Cooper, Michael et al. Teratogen-Mediated Inhibition of Target Tissue Response to Shh Signaling. <i>Science</i> 280, 1603-1607 (5 June 1998).

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PL	AS	Gaffield et al., "Craniofacial Malformations Induced in Hamsters by Steroidal Alkaloids", J. Nat. Toxins 5 (1): 25-38 (1996).
	AT	Gaffield, William & Keeler, Richard F. Induction of Terata in Hamsters by Solanidane Alkaloids Derived from <i>Solanum tuberosum</i> . <i>Chem. Res. Toxicol.</i> 9, 426-433 (1996).
		Gaffield, William et al. A looking glass perspective: Thalidomide and cyclopamine. <i>Cell. And Mol. Biol.</i> 45, 579-588 (1999).
		Gerashchenko, G. I. et al. Glucocorticosteroidal Properties of Several Jervine Derivatives. <i>Aktual. Vopr. Farm.</i> 2, 342-3 (1974) – ABSTRACT ONLY.
	AW	Incardona, John P. et al. The teratogenic <i>Veratrum</i> alkaloid cyclopamine inhibits Sonic hedgehog signal transduction. <i>Development</i> 125, 3553-3562 (1998).
	AX	Johnson et al., "The Synthesis of Veratramine", JACS 89: 17 (1967).
	AY	Kim, Seung K. & Melton, Douglas A. Pancreas development is promoted by cyclopamine, a Hedgehog signaling inhibitor. <i>PNAS</i> 95, 13036-13041 (October 1998).
	AZ	Kutney et al., "Synthetic Studies in the <i>Veratrum</i> Alkaloid Series II: The Total Synthesis of Verarine, Veratramine, Jervine, and Veratrobazine", Can. J. Chem. 53: 1796-1817 (1975).
↓	BA	Levetin, Estelle & McMahon, Karen. <u>Plants and Society</u> . "Plants and Society: The Botanical Connections to our lives." Dubuque, IA: Wm. C. Brown Publishers; Times Mirror Higher Education Group, 1996.
PL	BB	Masamune et al. Syntheses and NMR Spectra of 22,27-Imino-17,23-Oxidojervane Derivatives. <i>Tetrahedron</i> 23, 1591-1612 (1967).
	BC	"Merck Index: An Encyclopedia of Chemical, Drugs, and Biologicals, 11th Ed.", Merck & Co., Inc.: 828. No Date
PL	BD	Omnell et al., "Expression of <i>Veratrum</i> , Alkaloid Teratogenicity in the Mouse", Teratology 42: 105-119 (1990).
	BE	Smith, Carolyn M. et al. 5 α -Reductase Expression by Prostate Cancer Cell Lines and Benign Prostatic Hyperplasia <i>in Vitro</i> . <i>J. Clin. Endo. and Metab.</i> 81, 1361-1366 (1996).
	BF	Taipale, Jussi et al. Effects of oncogenic mutations in Smoothened and Patched can be reversed by cyclopamine. <i>Nature</i> 406, 1005-1009 (31 August 2000).
↓	BG	Tezuka, Yasuhiro et al. Anti- <i>Helicobacter pylori</i> activity of steroidal alkaloids obtained from three <i>Veratrum</i> plants. <i>J. Trad. Meds.</i> 16, 196-200 (1999).
PL	BH	Tezuka, Yasuhiro et al. Two New Steroidal Alkaloids, 20-Isoveratramine and Verapatuline, from the Roots and Rhizomes of <i>Veratrum patulum</i> . <i>J. Nat. Prod.</i> 61, 1078-1081 (1998).
	BI	"Veratrum Californicum", Visitors Guide, Wrights Lake, CA. No Date

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DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.